

WHAT IS CLAIMED IS:

1. A lighting system with plurality of displaying sequences for a footwear comprising:

5 a light source display sequence driver for driving a plurality of light sources; the light source display sequence driver including a plurality of flash sequences for flashing the light sources; and a plurality of dummy sequences for flashing no light sources.

2. A lighting system with plurality of displaying sequences for a footwear comprising:

10 a plurality of light emitting sources;

a power source for providing power;

a switch turning "on" or "off" responsive to motions of the footwear;

15 a key trigger being triggered in response to the turning "on" of the switch in an actuating period and the key trigger being inactive in response to an inactive time period; and

a light source display sequence driver for driving the light sources to flash; the light source display sequence driver including a plurality of normal sequences for flashing the light sources and a plurality of dummy sequences for flashing no light sources.

20 3. The lighting system as claimed in claim 2, further comprising a sequence input key; the sequence input key having a plurality of inputs for determining a flashing sequence of the light sources.

4. The lighting system as claimed in claim 2, wherein the light source display sequence driver further comprises:

25 an inactive time generator for generating an inactive time period to the key trigger; in this inactive time period, the trigger will be inactive even the switch turns "on".

5. The lighting system as claimed in claim 2, wherein the light source display sequence driver further comprises:

a controller receiving inputs from the key trigger and sequence input key; so as to cause the light sources to emit light in response to a selective sequence from the sequence input key.

5 6. The lighting system as claimed in claim 5, wherein the controller is actuated by the key trigger.

7. The lighting system as claimed in claim 2, wherein the light source display sequence driver further comprises:

a sequence selector serves for actuating a sequence for displaying the light sources.

10 8. The lighting system as claimed in claim 5, wherein the light source display sequence driver further comprises:

a sequence selector serves for actuating a sequence for displaying the light sources according to the indication from the controller; the sequence selector actuates the inactive time generator for generating an inactive
15 time period according to a selected sequence from the controller.

9. The lighting system as claimed in claim 8, wherein the light source display sequence driver further comprises:

a normal sequence block stores a plurality of sequences for actuating the light sources; the normal sequence block actuates a selected sequence
20 in response to an indication from the sequence selector.

10. The lighting system as claimed in claim 9, wherein the light source display sequence driver further comprises:

a dummy sequence block stores a plurality of dummy sequences, i.e., sequences which do not actuate any light sources the dummy sequence
25 block actuates no light source.

11. The lighting system as claimed in claim 2, further comprising:

a sequence input key for inputting a flash sequence of the light sources to the light source display sequence driver.

12. The lighting system as claimed in claim 5, wherein the controller
30 randomly determines a sequence for the illumination of the light sources.

13. The lighting system as claimed in claim 2, wherein a random generator is used to determine an order of the dummy sequence and normal sequence.

14. The lighting system as claimed in claim 1, wherein the dummy
5 sequence is arranged in one of a plurality of positions including before flash of the normal sequence.; between two normal sequences, after flashing of the normal sequence.